2007 Virginia Spring Gobbler Season Survey

by

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Abstract: An annual survey of spring gobbler hunters in Virginia was conducted to monitor turkey population trends and hunter satisfactions. Cooperators (n = 272) reported data on 9,852 hours of hunting during 3,314 hunts in 91 Virginia counties. During the 2007 season cooperators heard and killed fewer gobblers than in 2006. Gobbling peaked during the first week of the season. Gobbling patterns were similar between areas east of the Blue Ridge Mountains (EBR) and west (WBR), however gobbling rates were slightly higher in counties WBR. Cooperators hunting on private lands heard more gobblers than those hunting on public lands. Hunter success rates were higher at the beginning of the season and during late April. The number of hens flushed per hunt suggested nest incubation began during the week of April 16, 2007. Hunter satisfaction during the 2007 was favorable with 32% of cooperators rating their season as good and 19% rating the season as excellent, however, hunter satisfaction decreased between the 2006 and 2007 seasons. Many hunters (32%) reported some type of interference during the season. Lower gobbling rates and cooperator success between 2006 and 2007 seasons suggest a decrease in the turkey population. These results agree with the 18% decrease seen in the 2007 spring gobbler harvest data reported at check stations and by phone.

Spring gobbler hunting in Virginia is a popular sport with over 63,000 hunters hunting nearly 371,000 days in 2006 (Jagnow et al. 2007). The number of spring gobbler hunters has increased nearly 47% since 1993. An annual survey has been conducted since 1987 to monitor the status of the wild turkey population and assess characteristics, attitudes, and preferences of spring gobbler hunters in Virginia. Results from these surveys help evaluate wild turkey season length and bag limits, which are the primary wildlife management tools used to effect desired population goals.

METHODS

Prior to the spring gobbler season, a self-administered mail-back questionnaire distributed to Virginia residents who were members of the National Wild Turkey Federation and to previous survey respondents (n = 406). The 2-part survey requested information from daily hunts and opinions and other information (Appendix B). Cooperators were asked to record hunting information through the season and return their survey at the end of the season. Follow-up mailings were

not attempted. Standard statistical methods were used to calculate means and standard errors (mean \pm SE) for most variables. Standard errors for variables expressed on a per hour and per hunt basis (e.g., gobbling/hr, hens seen/hunt) were calculated using ratioestimators (Cochran 1977). Means and standard errors were calculated by post-stratified methods for the following variables: hunters seen, hunts with interference, and dogs observed.

Because daily variation in weather may effect gobbling, daily gobbling rates were calculated as 3-day moving averages. The moving average of gobblers heard per 100 hours of hunting (MG_t) on day t was calculated using:

Moving Gobbling (MG)_t =
$$(G_{t-1} + G_t + G_{t+1}) / 3$$

where, G_t = ratio estimate of gobblers heard per 100 hours of hunting on day t. The moving average of gobblers killed per 100 hours of hunting (MK) was calculated with gobblers killed on day t using:

Moving Kill (MK)_t =
$$(K_{t-1} + K_t + K_{t+1}) / 3$$

where, K_t = ratio estimate of gobblers killed per 100 hours of hunting on day t.

The 2007 regular season began on Saturday, April 14. Weekly time periods were considered Monday through Saturday. In addition to opening day, the weekly time periods were: Week 1, April 16–21; Week 2, April 23–28; Week 3, April 30–May 5; Week 4, May 7–12; and Week 5, May 14–19. Region boundaries were based on climatological and physiographic characteristics.

During the survey history, cooperators noted that they frequently hunt with others and they suggested that we include data on the hunting success of their partners. Therefore, beginning in 1998, cooperators were asked to report information on their hunting partners' activities, specifically, if their partners killed a gobbler on one of their hunts.

RESULTS AND DISCUSSION

Hunter Statistics

Effort. - Questionnaires were received from 297 individuals with daily records for 272 individuals. Cooperators (n = 272) reported data on 9,852 hours of hunting during 3,314 hunts in 91 counties. As in previous years, cooperators hunted an average of 12 days although several cooperators hunted every day of the season. Hunts averaged 3.4 hours per day (Table 1). Average length of hunts has changed little over the years. Hunts appeared to increase in length during the last 2 weeks of the season, when all-day hunting is permitted (Table 2). Cooperators scouted an average of 3.1 days prior to the season (Table 1). It appears cooperators have spent fewer days scouting in recent years.

Afternoon Hunting. – During the last 2 weeks of the season when cooperators could hunt all day, 25% of hunts that started in the morning finished in afternoon and less than 10% of hunts began in the afternoon. Gobbling rates of hunts that began after noon were lower (0.11 gobblers heard/hr) than those that began before noon (0.35 gobblers/heard hr).

Lands Hunted. – About 91% of Virginia is privately owned. Cooperators hunted primarily on privately owned land (80%) followed by federal (17%), and state (3%) owned land. The disproportionate use of public

land (9% available vs. 19% hunted) suggests that publicly owned lands offer important hunting opportunities for spring gobbler hunters in Virginia.

Decoys. – Decoys were used by 63% of cooperators in the 2007 survey (Table 1). Decoy use has not changed significantly in recent years (Table 1).

Hunter Success. - During the 2007 season, cooperators heard and killed fewer birds than in 2006 (Table 3). Cooperators averaged harvesting 0.99 birds in 2007, which is a slight decline from 2006 (1.07). Cooperators or their partners killed 7% of birds heard in 2007, which is comparable to the 6% rate in 2006. Approximately 31% of gobblers called-in were successfully harvested by cooperators or their partners (Table 4). Crippling loss was 3.5% in 2007. Crippling losses have ranged from 3.1 to 7.9 percent during the survey (Table 4). For spring gobbler hunters using shotguns, 30 yards appears to be an important distance for hunters to recognize. The mean distance reported by shotgun hunters who killed a bird was 30 yards, while the average distance for birds that were missed was 36 yards (Table 4). Rifle hunters averaged killing birds at 82 yards.

Most birds (55%) were taken by 8:00 A. M. (Table 5). During the last 2 weeks of the season when cooperators may hunt all day, only 3 percent of the harvest was taken between noon and sunset.

Daily harvest rates (MK/100hr) were highest during the first few days of the spring gobbler season but declined steadily into the second week of the season. Harvest rates then increased sharply in late April and slowly declined until the season closed (Fig. 1). This pattern generally follows the rate at which hens

were flushed off nests (Table 14) and may indicate that nest incubation was peaking in late April making gobblers were more vulnerable to calling. The peak in nest flushing rates also coincided with the peak of harvest rates in 2006.

Cooperators reported the age distribution of gobblers harvested was: 13%, 1-year-old; 29%, 2-year-old; 40% 3-year-old; and 18%, 4-years and older (Table 6). Over the course of the survey, the "jake" (1-year-old) kill has averaged 13% (range 7% - 22%) of the reported harvest. The 2007 "jake" kill was identical to the long-term average and similar to 2006 (Table 6).

Most gobblers killed by cooperators were alone (50%) or were with other gobblers (25%). Sixteen percent of harvested gobblers were with hens while 10% were with both gobblers and hens.

The average weight reported by cooperators was 18.6 pounds. The heaviest bird reported weighed 24.5 pounds. Weights of gobblers harvested

Average spur length was 0.94 inches. Spur lengths tended to be longer during the first 2 weeks of the season. Average spur length by week was: 0.95, 0.96, 0.92, 0.93, and 0.91 inches for weeks 1-5, respectively. This may reflect some increased vulnerability or availability of older gobblers at the beginning of the season.

Hunter satisfaction during the 2007 season was generally favorable but appeared lower than 2006. Only 19% of cooperators rated the season excellent compared to 29% in 2006. Poor ratings increased from 12% in 2006 to 21% in 2007 (Table 7).

The 2007 season was the fourth season for the special youth spring gobbler hunt before the regular season. Approximately 14% of cooperators accompanied young hunters on the youth day. The highest participation rate during the youth hunt by cooperators was during the first season (2004; 23%), since then participation has ranged between 14 and 15%. Numerous cooperators continued to assist others during the season and guided either youth (14%) or adult hunters (33%).

Other Species Seen. – Cooperators reported seeing a total of 25 bears (0.8 bears per 100 hours) in 2007. In 2006, cooperators saw more bears (n = 62, 1.3 per 100 hours). The observation rate of bears in 2007 was similar to 2005 (0.7 bears per 100 hours).

Cooperators saw 78 coyotes (2.4 coyotes per 100 hours) in 2007. This represents a slight increase over 2006 (2.2 coyotes per 100 hours).

Gobbling Statistics

State, Regional. - Across Virginia, hunters heard 0.50 gobblers per hour (Table 8) and 1.73 gobblers per hunt in 2007 (Table 9). Compared to 2006, the average number of gobblers heard per hour decreased 18% and the average number of gobblers heard per hunt decreased 16%. These estimates suggest a decrease in the spring gobbler population, which is supported by an 18% decrease in the statewide harvest reported at game check stations and by phone. Research has shown total harvest to be a better indicator of population levels than gobbling rates which can be affected by numerous variables. Based on either the harvest or gobbling index, the turkey population appears to have decreased from 2006 to 2007. Poor reproduction in 2005 and 2006 may have limited turkey population growth during recent years.

For past 10 years, the West Piedmont Region has had the highest gobbling rate per

hour in Virginia (Table 8). In 2007, the West Piedmont region gobbling rate was 0.57 birds heard per hour, the Northern Region was a surprising second with 0.53 birds heard per hour. Gobbling rates in the Northern Region have recently increased relative to other region. For example, the Northern region ranked fourth in 2005 with 0.47 birds heard per hour and fifth in 2004 with 0.41 birds heard per hour. In 2007, the Southwest and Tidewater Regions placed third and fourth, respectively while the lowest gobbling rates were reported in the Eastern Piedmont and Central Mountain Regions (Table 8).

Chronological. – Gobbling activity is thought to have 2 peak periods through the season. The first peak occurs in March as gobblers attempt to attract hens. Gobbling declines in late March and early April during peak mating. A second peak may occur in mid-late April as hens leave the gobblers to begin laying eggs and incubating nests.

Gobbling activity was highest during the first week of the season (Table 10). Gobbling rates remained fairly high through the first 3 weeks of the season but declined sharply in Weeks 4 and 5. The highest moving average daily gobbling rates were seen on April 19 and 20 (Fig.1). Last year the highest daily rates were seen on April 8 and 10. Gobbling patterns were generally similar between areas East and West of the Blue Ridge Mountains (Fig. 2) and by region (Table 10).

Intensity. – We grouped gobbling intensity into 3 categories (no gobbling, poor gobbling, or fair-good). Good hunting conditions, as characterized by a higher percentage of hunts with fair-good gobbling, occurred through the first three weeks of the season (Fig. 3). Hunts with no gobbling increased in Weeks 4 and 5.

The percentage of hunts with poor gobbling conditions appeared to peak in Week 3 (Fig. 3).

Land Type. – In 2007, individuals hunting on private lands $(0.53 \pm 0.01, n = 2,635)$ heard more birds than those hunting on federal $(0.43 \pm 0.02, n = 545)$ or state lands $(0.26 \pm 0.03, n = 102)$. These results are identical to previous surveys where private land gobbling rates have been higher than public-owned lands.

Hen Statistics

Cooperators averaged hearing 0.55, seeing 0.76, and calling in 0.20 hens per hunt during the 2007 season (Table 11). These rates were lower than 2006 and were similar to gobbler observations which suggested the turkey population declined in 2007.

Throughout the survey history, the average number of hens seen and called in per hunt typically declines by week of the season (Tables 12 and 13). In recent years, the number of hens seen has increased during week 5 of the season. This increase may be attributed to cooperators taking advantage of hunting in the afternoons which was initiated in 2005. However, only 10% of hunts began in the afternoon while 25% ended in the afternoon. In the last 3 years of the survey the number of hens seen increased at the end of the season (Table 13). The increase in hen observation rates at the end of the season during these years may indicate poor nest success rates if hens lost their nests and were more visible to hunters. Reproductive rates, based on fall feather samples, were below average during these 3 years. In contrast, the number of hens seen during the last week of the season in 2004 declined. Production data collected at game check stations indicated above-average reproductive success in 2004. So these data (observations of hens at the end of the season) may serve as an index to reproductive success.

The number of hens flushed per 100 hours was highest during the first and third weeks of 2007 season (Table 14). Research on wild turkey hens in Virginia indicates that peak incubation normally takes place in late April (Norman et al. 2000). The increase in hen flushing rates in the 3rd week of the season generally coincides with our research findings. A total of 41 hens were flushed from nests by cooperators during 3,314 hunts in 2007. Similar to 2006, a hen was flushed on an average of 1.2 percent of hunts or every 81 hunts.

Interference

Hunters. – Many (32%) cooperators experienced interference from other hunters in 2007 (Table 15). The rate of interference reported by hunters appears to be relatively stable over the past 10 years, ranging between 32 and 40% (Table 15). Interference rates during the past 10 years appear lower than rates reported prior to 1993 when >50% of cooperators reported interference during the spring gobbler season (Table 15).

Cooperators observed an average of 2.4 other hunters in 2007 (Table 15). The most frequently reported (mode) number was 0. The median number of hunters seen was 1. The highest number of hunters observed by a cooperator was 26 over the course of the season.

Dogs. - About 34% of cooperators reported seeing free ranging dogs. Little change has occurred in dog disturbance rates over the past several years. Free ranging dogs are a potential predator for wild turkeys and other groundnesting birds. Several research projects in the

Southeast have identified dogs as a major predator of nesting hens and poults.

Violations

About 1 out of 6 cooperators (15%) reported seeing a game law violation in 2007. This level of violations is slightly lower than last year (19%) and 2003 where 20% of cooperators reported violations. As in previous years, trespassing was the most often cited violation (Table 16). Illegal killing of hens, either intentionally or mistakenly identified as a gobbler, is perhaps of greatest concern because of the potential effects on population status and growth. We have found a 6% illegal mortality rate of female turkeys in Virginia during a study of radio marked between 1989 and 1994 (Norman et al. 2007).

Remarks

Cooperators provided a variety of comments on their observations, preferences and opinions on the 2007 season. A summary of these remarks is included in Appendix A. Remarks were not included if the name and address were not included on the survey.

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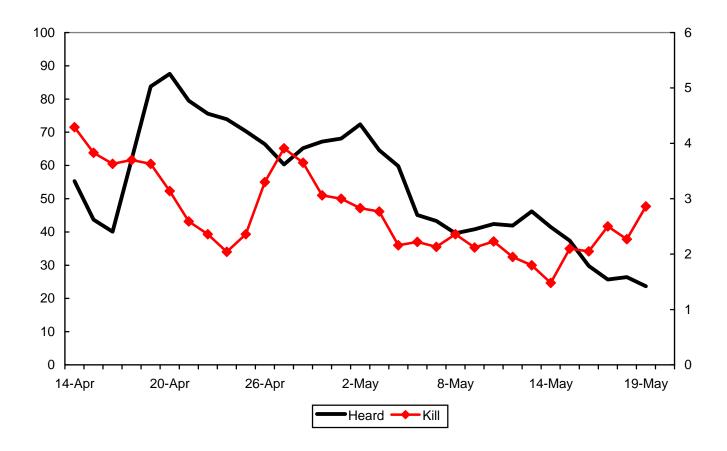


Figure 1. Statewide gobbling and harvest rates by day in Virginia, 2007.

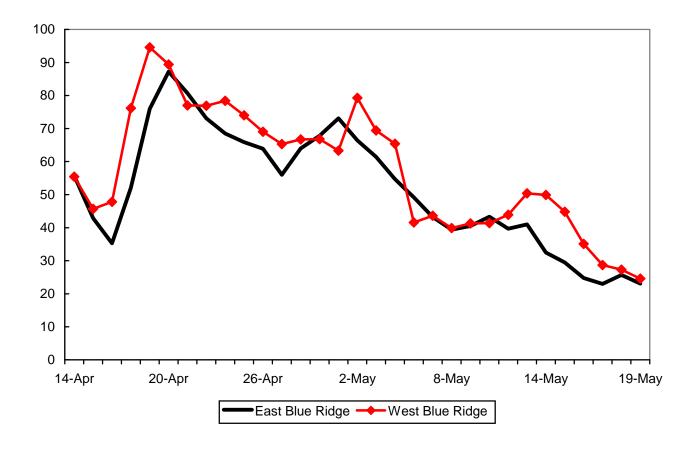


Figure 2. Daily gobbling rates by region in Virginia, 2007.

Percent of Hunts

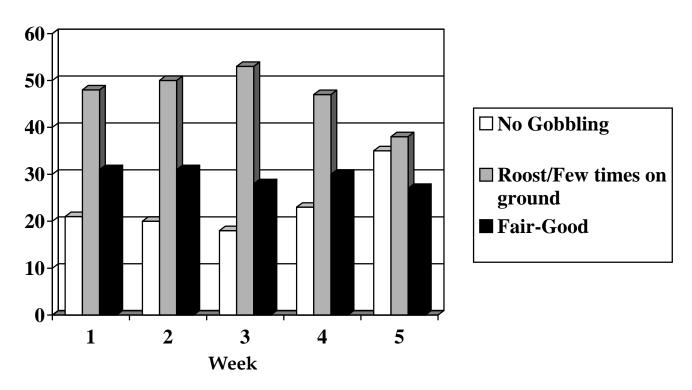


Figure 3. Gobbling intensity by week in Virginia, 2007.

Table 1. Hunting effort, scouting, and decoy use by cooperating wild turkey hunters in Virginia.

Year	Hunters (n)	Hunting Days (n)	Hunts/Season	Hours/Day	Scouting Days/ Season	% Using Decoys
1987	133	1,364	11.5	3.2		15
1988	230	2,447	13.7	3.2		7
1989	241	2,622	13	3.1		15
1990	303	3,703	12.9	3.3		18
1991	408	4,459	10.9 <u>+</u> 0.3	3.2 <u>+</u> 0.02		15
1992	446	5,031	11.3 <u>+</u> 0.3	3.2 <u>+</u> 0.03		25
1993	369	4,316	11.7 <u>+</u> 0.4	3.2 <u>+</u> 0.02		36
1994	341	4,018	12.0 <u>+</u> 0.4	3.2 <u>+</u> 0.03	4.7 <u>+</u> 0.3	46
1995	401	4,678	11.7 <u>+</u> 0.4	3.3 <u>+</u> 0.03	6.7 <u>+</u> 1.1	46
1996	461	5,502	11.7 <u>+</u> 0.3	3.2 <u>+</u> 0.02	5.1 <u>+</u> 0.3	56
1997	486	5,610	11.5 <u>+</u> 0.3	3.3 <u>+</u> 0.02	5.0 <u>+</u> 0.2	60
1998	455	5,085	11.2 <u>+</u> 0.3	3.3 <u>+</u> 0.02	5.4 <u>+</u> 0.3	61
1999	490	5,704	11.6 <u>+</u> 0.3	3.3 <u>+</u> 0.02	5.1 <u>+</u> 0.3	63
2000	441	5,655	12.8 <u>+</u> 0.3	3.3 <u>+</u> 0.02	5.0 <u>+</u> 0.3	65
2001	418	5,368	12.8 <u>+</u> 0.4	3.3 <u>+</u> 0.02	4.9 <u>+</u> 0.3	69
2002	380	4,726	12.1 <u>+</u> 0.3	3.4 <u>+</u> 0.02	5.0 <u>+</u> 0.3	71
2003	355	4,545	12.8 <u>+</u> 0.4	3.3 <u>+</u> 0.02	4.6 <u>+</u> 0.3	72
2004	352	4,352	12.5 <u>+</u> 0.4	3.4 <u>+</u> 0.02	4.3 <u>+</u> 0.3	66
2005	345	4,303	12.9 <u>+</u> 0.5	3.4 <u>+</u> 0.03	4.3 <u>+</u> 0.2	69
2006	407	4,840	11.5 <u>+</u> 0.3	3.4 <u>+</u> 0.03	3.9 <u>+</u> 0.9	70
2007	272	3,314	12.0 <u>+</u> 0.4	3.4 <u>+</u> 0.03	3.1 <u>+</u> 0.2	63

Table 2. Hunting effort by week for cooperating wild turkey hunters in Virginia.

Hours/Hunt + SE *n* (Hunts) Week Year 1 2 3 4 5 Day 1 1995 3.96 + 0.083.37 + 0.053.22 + 0.05 3.15 ± 0.05 3.14 + 0.06 3.04 ± 0.06 344 1,363 1,018 700 691 561 1996 3.93 <u>+</u> 0.07 3.31 ± 0.04 3.16 <u>+</u> 0.04 3.17 ± 0.05 3.09 <u>+</u> 0.06 3.17 <u>+</u> 0.06 378 1,458 1,181 978 822 670 1997 3.33 + 0.073.38 + 0.04 3.35 ± 0.04 3.10 ± 0.05 3.15 ± 0.05 3.27 ± 0.05 400 1,467 1,128 942 848 799 1998 3.89 + 0.083.43 + 0.043.12 + 0.053.10 + 0.053.14 + 0.062.98 + 0.06394 1,480 1,101 808 716 597 2000 3.74 + 0.073.45 + 0.043.31 + 0.043.24 + 0.063.07 + 0.063.40 + 0.05363 1,392 1.087 999 975 829 2001 4.00 <u>+</u> 0.08 3.48 ± 0.04 3.34 ± 0.05 3.27 ± 0.05 3.22 ± 0.05 3.08 ± 0.06 363 1,348 1,136 1,004 866 639 2002 4.00 <u>+</u> 0.08 3.47 + 0.043.46 + 0.053.29 + 0.053.28 + 0.063.09 + 0.06909 324 1,385 811 732 547 3.29 + 0.052003 3.85 ± 0.08 3.38 + 0.04 3.35 ± 0.06 3.19 ± 0.06 3.18 ± 0.06 293 1,172 1,004 855 600 619 2004 3.98 ± 0.04 3.40 ± 0.02 3.38 ± 0.02 3.20 ± 0.02 3.47 ± 0.02 3.55 ± 0.02 308 1,013 975 748 661 603 2005 3.75 + 0.093.24 + 0.053.16 + 0.053.10 + 0.073.57 + 0.013.50 + 0.01278 894 795 591 688 617 2006 3.36 ± 0.04 3.35 ± 0.02 3.21 ± 0.02 3.20 ± 0.02 3.50 + 0.02 3.87 ± 0.02 291 1320 973 798 779 624 2007 3.47<u>+</u> 0.11 3.39 <u>+</u> 0.06 3.18 <u>+</u> 0.06 3.24 ± 0.06 3.70 <u>+</u> 0.10 3.84 + 0.13171 650 619 529 488 385

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Table 3. Season gobbler statistics reported by cooperating wild turkey hunters in Virginia.

Year	Gobblers Heard	Gobblers Called	Gobblers Seen	Gobblers Killed	Gobblers Crippled	Gobblers Missed
1991	13.4 <u>+</u> 0.6	3.0 <u>+</u> 0.2	4.6 <u>+</u> 0.03	0.8 <u>+</u> 0.05	0.07 <u>+</u> 0.01	0.30 <u>+</u> 0.03
1992	16.3 <u>+</u> 0.7	3.6 <u>+</u> 0.2	5.4 <u>+</u> 0.3	0.8 <u>+</u> 0.04	0.05 <u>+</u> 0.01	0.30 <u>+</u> 0.04
1993	16.0 <u>+</u> 0.8	3.3 <u>+</u> 0.2	4.9 <u>+</u> 0.3	0.7 <u>+</u> 0.04	0.05 <u>+</u> 0.01	0.30 <u>+</u> 0.03
1994	14.6 <u>+</u> 0.7	3.5 <u>+</u> 0.2	5.8 <u>+</u> 0.4	0.72 <u>+</u> 0.04	0.04 <u>+</u> 0.01	0.29 <u>+</u> 0.03
1995	20.1 <u>+</u> 0.8	4.5 <u>+</u> 0.2	6.6 <u>+</u> 0.3	0.93 <u>+</u> 0.04	0.07 <u>+</u> 0.01	0.33 <u>+</u> 0.03
1996	20.1 <u>+</u> 0.8	5.0 <u>+</u> 0.2	7.7 <u>+</u> 0.4	0.91 <u>+</u> 0.05	0.05 <u>+</u> 0.01	0.33 <u>+</u> 0.03
1997	21.7 <u>+</u> 0.8	4.7 <u>+</u> 0.2	7.7 <u>+</u> 0.4	0.87 <u>+</u> 0.04	0.04 <u>+</u> 0.01	0.30 <u>+</u> 0.03
1998	19.4 <u>+</u> 0.8	4.6 <u>+</u> 0.2	7.4 <u>+</u> 0.3	0.84 <u>+</u> 0.04	0.05 <u>+</u> 0.01	0.38 <u>+</u> 0.03
1999	20.6 <u>+</u> 0.8	2 <u>+</u> 0.2	.2 <u>+</u> 0.3	0.81 <u>+</u> 0.04	0.07 <u>+</u> 0.01	0.33 <u>+</u> 0.03
2000	22.0 <u>+</u> 0.9	4.5 <u>+</u> 0.2	7.9 <u>+</u> 0.4	0.87 <u>+</u> 0.04	006 <u>+</u> 0.01	0.35 <u>+</u> 0.03
2001	26.7 <u>+</u> 1.1	5.7 <u>+</u> 0.3	9.1 <u>+</u> 0.5	1.04 <u>+</u> 0.05	0.06 <u>+</u> 0.01	0.35 <u>+</u> 0.03
2002	27.8 <u>+</u> 1.0	5.1 <u>+</u> 0.3	8.8 <u>+</u> 0.5	1.00 <u>+</u> 0.05	0.06 <u>+</u> 0.01	0.45 <u>+</u> 0.04
2003	25.1 <u>+</u> 1.1	5.4 <u>+</u> 0.4	8.7 <u>+</u> 0.6	1.01 <u>+</u> 0.05	0.06 <u>+</u> 0.01	0.40 <u>+</u> 0.04
2004	21.1 <u>+</u> 0.9	4.2 <u>+</u> 0.3	8.2 <u>+</u> 0.6	0.88 <u>+</u> 0.05	0.04 <u>+</u> 0.01	0.20 <u>+</u> 0.02
2005	21.3 <u>+</u> 1.0	5.0 <u>+</u> 0.3	9.0 <u>+</u> 0.5	0.92 <u>+</u> 0.05	0.03 <u>+</u> 0.01	0.31 <u>+</u> 0.04
2006	24.7 <u>+</u> 1.0	5.1 <u>+</u> 0.3	9.1 <u>+</u> 0.4	1.07 <u>+</u> 0.05	0.05 <u>+</u> 0.01	0.29 <u>+</u> 0.03
2007	21.0 <u>+</u> 1.1	4.7 <u>+</u> 0.3	8.1 <u>+</u> 0.6	0.99 <u>+</u> 0.06	0.04 <u>+</u> 0.01	0.27 <u>+</u> 0.04

Year Shotgun Distance Killed (Yd)* Shotgun Distance Missed (Yd)* Shotgun Crippled (Yd)* % Called in Killed - Cooperator* All weapons 1996 26.5 ± 0.5 34.2 ± 0.9 35.9 ± 2.0 18 3.6 5.6 1997 26.1 ± 0.5 34.4 ± 1.0 37.6 ± 0.3 18 30 5.3 1998 27.6 ± 0.5 36.1 ± 1.4 29.2 ± 3.8	Table 4. Shot distances and harvest success of cooperating hunters in Virginia.									
Year Distance Killed (Yd)* Distance Missed (Yd)* Distance Crippled (Yd)* % Called in Killed - Cooperator* Killed-Cooperator* All weapons 1994 26.6 ± 0.6 (239) 33.9 ± 1.2 (64) 35.7 ± 2.5 (13) 20 5.0 1995 26.5 ± 0.5 (362) 32.9 ± 1.1 (26) 32.9 ± 2.0 (24) 18 5.6 1996 27.1 ± 0.5 (342) 34.5 ± 0.9 (24) 35.9 ± 2.0 (24) 18 5.6 1997 26.1 ± 0.5 (348) 34.4 ± 1.0 (24) 37.6 ± 0.3 (16) 18 3.9 1998 27.6 ± 0.4 (405) 33.8 ± 1.2 (104) 34.9 ± 1.9 (18) 18 30 5.3 1999 26.9 ± 0.5 (418) 36.1 ± 1.4 (104) 29.2 ± 3.8 (19) 19 30 7.9 2000 27.6 ± 0.7 (405) 34.2 ± 1.2 (16) 18 29 6.3 2001 28.4 ± 0.8 (368) 37.2 ± 1.2 (18) 18 28 5.8 2001 28.4 ± 0.8 (368) (72) (18) 31.5 ± 2.5 (20) 20 30 5.4 2002 29.4 ± 0.8 (360) (88) (88) <		Shotgun	Shotgun	Shotgun		% Called in	% Crippling			
Year Killed (Yd)* Missed (Yd)* Crippled (Yd)* Killed - Cooperator b Cooperator & Partner b All weapons 1994 26.6 ± 0.6 33.9 ± 1.2 35.7 ± 2.5 20 5.0 1995 26.5 ± 0.5 32.9 ± 1.1 33.5 ± 1.2.2 20 6.7 1996 27.1 ± 0.5 34.5 ± 0.9 35.9 ± 2.0 18 5.6 1997 26.1 ± 0.5 34.4 ± 1.0 37.6 ± 0.3 18 3.9 1998 27.6 ± 0.4 33.8 ± 1.2 34.9 ± 1.9 18 30 5.3 1999 26.9 ± 0.5 36.1 ± 1.4 29.2 ± 3.8 19 30 7.9 4418) (92) (16) 19 29 6.3 2000 27.6 ± 0.7 34.2 ± 1.2 31.5 ± 2.5 19 29 6.3 2001 28.4 ± 0.8 33.7 ± 1.2 35.1 ± 2.1 18 28 5.8 2002 29.4 ± 0.8 36.0 ± 1.2 35.3 ± 2.5 20 30 5.4 2003 28.9 ± 0.9					% Called in	Killed-				
1994 26.6 ± 0.6 23.9 ± 1.2 25.7 ± 2.5 20 5.0 1995 26.5 ± 0.5 32.9 ± 1.1 33.5 ± 2.2 20 6.7 1996 27.1 ± 0.5 34.5 ± 0.9 (115) (24) 18 5.6 1997 26.1 ± 0.5 (405) (107) (16) 18 3.9 1998 27.6 ± 0.4 (411) (104) (18) 18 30 5.3 1999 26.9 ± 0.5 36.1 ± 1.4 (29.2 ± 3.8 19 30 7.9 2000 27.6 ± 0.7 (405) (87) (19) (18) 18 28 5.8 2001 28.4 ± 0.8 (33.7 ± 1.2 35.3 ± 2.5 (19) 29 6.3 2002 29.4 ± 0.8 (36.0 ± 1.2 35.3 ± 2.5 (20) (20) (380) (88) (88) (72) (10) 2004 28.9 ± 0.9 35.3 ± 1.4 32.1 ± 1.8 19 30 5.5 2005 27.9 ± 0.6 (35.5 ± 1.2 34.6 ± 2.8 23 29 3.8 2006 27.7 ± 0.5 (33.8 ± 1.3 28.5 ± 2.3 21 31 3.1 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2008 27.7 ± 0.5 (36.9 ± 1.4 27.4 ± 2.0 21 31 3.5 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2008 27.7 ± 0.5 (36.9 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2009 27.7 ± 0.5 (36.9 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5 2009 27.7 ± 0.7	Year		Missed (Yd) a				All weapons			
1994				- 11 (-)			1			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		• • • • • • • • • • • • • • • • • • • •								
1995	1994				20		5.0			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		(239)	(64)	(13)						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				_						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1995				20		6.7			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		(362)	(103)	(26)						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$										
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1996			· · · · · · · · · · · · · · · · · · ·	18		5.6			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		(398)	(115)	(24)						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$										
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1997			37.6 <u>+</u> 0.3	18		3.9			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		(405)	(107)	(16)						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$										
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1998	27.6 <u>+</u> 0.4	33.8 <u>+</u> 1.2	34.9 <u>+</u> 1.9	18	30	5.3			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		(411)	(104)	(18)						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$, ,	, ,	, ,						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1999	26.9 + 0.5	36.1 + 1.4	29.2 + 3.8	19	30	7.9			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$										
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		()	()	\ /						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2000	27.6 + 0.7	34.2 + 1.2	31.5 + 2.5	19	29	6.3			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				-						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		()	(-)	(' ')						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2001	28.4 ± 0.8	33.7 ± 1.2	35.1 + 2.1	18	28	5.8			
	_001						5. 6			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		(100)	(7-)	(10)						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2002	29.4 + 0.8	36.0 + 1.2	353+25	20	30	5.4			
2003 28.9 ± 0.9 35.3 ± 1.4 32.1 ± 1.8 19 30 5.5 2004 28.9 ± 0.9 34.8 ± 1.6 35.7 ± 4.2 21 30 4.0 2005 27.9 ± 0.6 35.5 ± 1.2 34.6 ± 2.8 23 29 3.8 2006 27.7 ± 0.5 (306) (78) (10) 21 31 3.1 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5	2002				20	30	0.4			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		(363)	(66)	(20)						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$										
2004 28.9 ± 0.9 34.8 ± 1.6 (51) 9 21 30 4.0 2005 27.9 ± 0.6 (306) (78) 34.6 ± 2.8 (10) 23 29 3.8 2006 27.7 ± 0.5 (403) $88)$ 28.5 ± 2.3 (16) 21 31 3.1 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5	2003				19	30	5.5			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		(380)	(83)	(14)						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$										
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2004	28.9 ± 0.9	34.8 ± 1.6	35.7 ± 4.2	21	30	4.0			
2005 27.9 ± 0.6 35.5 ± 1.2 34.6 ± 2.8 23 29 3.8 2006 27.7 ± 0.5 33.8 ± 1.3 28.5 ± 2.3 21 31 3.1 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5	_001						1.0			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		(010)	(01)	(>)						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2005	27.9 + 0.6	35.5 + 1.2	34.6 + 2.8	23	29	3.8			
2006 27.7 ± 0.5 33.8 ± 1.3 28.5 ± 2.3 21 31 3.1 (403) (88) (16) 2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5										
		` /	` /	` /						
	2006	27.7 + 0.5	33.8 + 1.3	28.5 + 2.3	21	31	3.1			
2007 29.8 ± 0.7 36.4 ± 1.4 27.4 ± 2.0 21 31 3.5							- · -			
		(200)	(30)	(==)						
	200=	20.0 0.7	064	0.7.4.5.0	0-1		2 -			
$(245) \qquad (47) \qquad (7)$	2007				21	31	3.5			
		(245)	(47)	(7)						

^a Distance variables are calculated from End-of-Season Questionnaire.

 $^{^{\}rm b}$ Percent called and crippling are calculated from daily hunt records.

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^b Percent crippling = (number crippled/number crippled + cooperator killed birds) x 100

Table 5. Percent of wild turkey harvest by hour for cooperating wild turkey hunters in Virginia.

				Time Begin Time End				
Year	06:00 06:59	07:00 07:59	08:00 08:59	09:00 09:59	10:00 10:59	11:00 11:59	12:00 Sunset	п
1998	22	33	18	12	9	5		559
1999	26	31	18	12	8	5		585
2000	22	36	17	12	8	6		541
2001	25	30	19	11	8	7		579
2002	25	30	17	12	7	8		520
2003	28	31	18	11	8	4		501
2004*	26	37	15	11	7	5		397
2005	23	29	18	12	9	5	4	423
2006	20	33	20	10	8	6	2	574
2007	24	31	20	11	7	4	3	323

^{*} Only included first 3-weeks of 2004 season.

Table 6. Age distribution (%) of gobblers harvested as reported by cooperating wild turkey hunters in Virginia.

Year	1	2	3	4+	n^a
1991	16	37	40	7	328
1992	18	29	37	15	347
1993	10	47	35	7	267
1994	22	33	29	15	250
1995	15	35	40	10	380
1996	13	39	40	8	409
1997	8	42	41	9	424
1998	12	37	38	14	433
1999	16	35	35	15	496
2000	13	34	38	15	429
2001	13	32	38	17	482
2002	9	36	41	14	417
2003	7	37	42	14	402
2004	11	34	37	17	316
2005	15	28	40	17	319
2006	11	30	45	14	444
2007	13	29	40	18	267

 n^a = reported gobbler harvest.

Table 7. Percent of cooperators rating season in Virginia by category.

Year	Excellent	Good	Fair	Poor	No Opinion
1990	23	30	25	21	1
1991	23	33	26	17	1
1992	17	50	29	5	1
1993	22	30	29	19	1
1994	25	29	22	22	1
1995	40	34	17	9	1
1996	36	32	21	12	1
1997	37	30	19	13	1
1998	29	30	24	17	1
1999	29	29	24	16	2
2000	26	31	24	17	2
2001	36	32	19	12	1
2002	25	34	24	14	2
2003	23	30	27	19	1
2004	14	34	23	23	2
2005	15	28	40	17	1
2006	29	36	21	12	1
2007	19	32	27	21	1

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Table 8. Region gobbling by hour for cooperating wild turkey hunters in Virginia.

Table 6. Re	egion gobbiling		Gobblers Hear	d / Hour <u>+</u> SE			
Year	Tidewater	Southwest	(1 Western Piedmont	ı) Eastern Piedmont	Central Mountain	Northern	State
1996	0.51 <u>+</u> 0.02	0.57 <u>+</u> 0.02	0.55 <u>+</u> 0.02	0.50 <u>+</u> 0.02	0.48 <u>+</u> 0.02	0.49 <u>+</u> 0.02	0.52 <u>+</u> 0.01
	(1,145)	(1,358)	(906)	(802)	(998)	(571)	(5,502)
1997	0.63 <u>+</u> 0.02	0.55 <u>+</u> 0.02	0.65 <u>+</u> 0.02	0.53 ± 0.02	0.60 ± 0.02	0.45 <u>+</u> 0.02	0.57 <u>+</u> 0.01
	(1,358)	(888)	(892)	(831)	(881)	(704)	(5,610)
1998	0.56 <u>+</u> 0.02	0.51 <u>+</u> 0.02	0.71 <u>+</u> 0.03	0.56 <u>+</u> 0.02	0.44 <u>+</u> 0.02	0.41 ± 0.02	0.53 <u>+</u> 0.01
	(1,261)	(900)	(807)	(698)	(856)	(572)	(5,096)
1999	0.56 <u>+</u> 0.02	0.55 <u>+</u> 0.02	0.62 <u>+</u> 0.02	0.52 <u>+</u> 0.02	0.49 <u>+</u> 0.02	0.46 <u>+</u> 0.02	0.54 <u>+</u> 0.01
	(1,392)	(970)	(867)	(762)	(1,040)	(647)	(5,704)
2000	0.53 <u>+</u> 0.01	0.55 <u>+</u> 0.02	0.69 <u>+</u> 0.02	0.46 <u>+</u> 0.02	0.43 <u>+</u> 0.01	0.36 <u>+</u> 0.02	0.51 <u>+</u> 0.01
	(1,322)	(886)	(1,035)	(811)	(961)	(638)	(5,655)
2001	0.55 <u>+</u> 0.02	0.65 <u>+</u> 0.02	0.76 ± 0.02	0.59 <u>+</u> 0.02	0.62 <u>+</u> 0.02	0.50 ± 0.02	0.62 <u>+</u> 0.01
	(1,060)	(1,012)	(986)	(670)	(958)	(654)	(5,368)
2002	0.55 <u>+</u> 0.02 (898)	0.60 <u>+</u> 0.02 (879)	0.70 <u>+</u> 0.02 (776)	0.60 <u>+</u> 0.03 (578)	0.52 <u>+</u> 0.02 (883)	0.42 <u>+</u> 0.02 (693)	0.56 <u>+</u> 0.01 (4,726)
2003	0.59 <u>+</u> 0.02 (943)	0.63 <u>+</u> 0.02 (825)	0.71 <u>+</u> 0.02 (831)	0.69 <u>+</u> 0.03 (572)	0.46 <u>+</u> 0.02 (711)	0.45 <u>+</u> 0.02 (649)	0.59 ± 0.01 (4,545)
2004	0.50 <u>+</u> 0.02 (803)	0.54 <u>+</u> 0.02 (885)	0.58 ± 0.02 (700)	0.57 <u>+</u> 0.03 (540)	0.39 <u>+</u> 0.02 (744)	0.41 <u>+</u> 0.02 (666)	0.49 <u>+</u> 0.01 (4,352)
2005	0.51 <u>+</u> 0.02 (798)	0.57 <u>+</u> 0.02 (907)	0.57 <u>+</u> 0.02 (804)	0.46 <u>+</u> 0.02 (515)	0.42 <u>+</u> 0.02 (706)	0.47 <u>+</u> 0.02 (570)	0.51 <u>+</u> 0.01 (4,303)
2006	0.62 <u>+</u> 0.02 (842)	0.60 ± 0.02 (1,020)	0.68 <u>+</u> 0.02 (920)	0.57 <u>+</u> 0.03 (455)	0.54 <u>+</u> 0.02 (942)	0.67 <u>+</u> 0.03 (648)	0.61 <u>+</u> 0.01 (4,840)
2007	0.49 <u>+</u> 0.02	0.50 <u>+</u> 0.02	0.57 <u>+</u> 0.02	0.45 <u>+</u> 0.03	0.47 <u>+</u> 0.02	0.53 <u>+</u> 0.04	0.50 <u>+</u> 0.01
	(573)	(746)	(517)	(400)	(572)	(483)	(3,314)

Table 9.	Region gobblin	ig by hunt for o					
				eard/Hunt <u>+</u> SI (n)	7		
Year	Tidewater	Southwest	Western Piedmont	Eastern Piedmont	Central Mountain	Northern	State
1994	1.28 <u>+</u> 0.05 (897)	1.09 <u>+</u> 0.05 (643)	1.19 <u>+</u> 0.06 (590)	1.28 <u>+</u> 0.06 (758)	1.26 <u>+</u> 0.05 (741)	1.39 <u>+</u> 0.10 (333)	1.24 <u>+</u> 0.02 (4,018)
1995	1.99 <u>+</u> 0.06 (947)	1.74 <u>+</u> 0.06 (834)	1.58 <u>+</u> 0.05 (767)	1.52 <u>+</u> 0.05 (847)	1.82 <u>+</u> 0.06 (895)	1.52 <u>+</u> 0.08 (369)	1.72 <u>+</u> 0.03 (4,678)
1996	1.67 <u>+</u> 0.05 (1,145)	1.91 <u>+</u> 0.06 (1,037)	1.69 <u>+</u> 0.06 (1527)	1.45 <u>+</u> 0.06 (1165)	1.71 <u>+</u> 0.06 (998)	1.61 <u>+</u> 0.07 (571)	1.68 <u>+</u> 0.02 (5,502)
1997	2.10 <u>+</u> 0.06 (1,358)	1.81 <u>+</u> 0.06 (888)	2.0 <u>+</u> 0.06 (892)	1.48 <u>+</u> 0.05 (831)	2.16 <u>+</u> 0.07 (881)	1.58 <u>+</u> 0.06 (704)	1.88 <u>+</u> 0.02 (5,584)
1998	1.77 <u>+</u> 0.05 (1,261)	1.82 <u>+</u> 0.06 (900)	2.12 <u>+</u> 0.07 (807)	1.64 <u>+</u> 0.07 <u>(</u> 698)	1.61 <u>+</u> 0.06 (856)	1.44 <u>+</u> 0.07 (572)	1.70 <u>+</u> 0.03 (5,096)
1999	1.78 <u>+</u> 0.05 (1,392)	1.96 <u>+</u> 0.06 (970)	1.91 <u>+</u> 0.06 (867)	1.57 <u>+</u> 0.05 (762)	1.78 <u>+</u> 0.05 (1,040)	1.53 <u>+</u> 0.06 (647)	1.77 <u>+</u> 0.02 (5,704)
2000	1.67 <u>+</u> 0.04 (1,322)	1.92 <u>+</u> 0.06 (886)	2.28 <u>+</u> 0.06 (1,035)	1.43 <u>+</u> 0.06 (811)	1.58 <u>+</u> 0.05 (961)	1.19 <u>+</u> 0.05 (638)	1.72 <u>+</u> 0.02 (5,645)
2001	1.75 <u>+</u> 0.05 (1,055)	2.31 <u>+</u> 0.08 (1,012)	2.44 <u>+</u> 0.07 (986)	1.84 <u>+</u> 0.07 (670)	2.32 <u>+</u> 0.07 (958)	1.64 <u>+</u> 0.07 (654)	2.08 <u>+</u> 0.03 (5,368)
2002	1.89 <u>+</u> 0.06 (896)	2.17 <u>+</u> 0.07 (879)	2.23 <u>+</u> 0.07 (776)	1.71 <u>+</u> 0.07 (578)	2.00 <u>+</u> 0.07 (883)	1.32 <u>+</u> 0.06 (693)	1.91 <u>+</u> 0.03 (4,708)
2003	1.94 <u>+</u> 0.06 (943)	2.14 <u>+</u> 0.07 (825)	2.24 <u>+</u> 0.07 (831)	2.02 <u>+</u> 0.08 (572)	1.71 <u>+</u> 0.07 (711)	1.50 <u>+</u> 0.06 (649)	1.96 <u>+</u> 0.03 (4,545)
2004	1.79 <u>+</u> 0.08 (802)	1.94 <u>+</u> 0.07 (885)	1.86 <u>+</u> 0.07 (700)	1.79 <u>+</u> 0.08 (540)	1.50 <u>+</u> 0.06 (744)	1.34 <u>+</u> 0.07 (666)	1.70 <u>+</u> 0.03 (4,352)
2005	1.69 <u>+</u> 0.06 (798)	2.09 <u>+</u> 0.07 (907)	1.82 <u>+</u> 0.06 (804)	1.39 <u>+</u> 0.07 (515)	1.52 <u>+</u> 0.06 (706)	1.48 <u>+</u> 0.07 (570)	1.70 ± 0.03 (4,303)
2006	2.06 <u>+</u> 0.06 (842)	2.28 <u>+</u> 0.07 (1,020)	2.18 <u>+</u> 0.07 (920)	1.76 <u>+</u> 0.09 (455)	1.94 <u>+</u> 0.07 (942)	2.05 <u>+</u> 0.06 (648)	2.07 <u>+</u> 0.03 (4,840)
2007	1.79 <u>+</u> 0.08 (573)	1.76 <u>+</u> 0.07 (746)	1.83 <u>+</u> 0.07 (517)	1.38 <u>+</u> 0.08 (400)	1.85 <u>+</u> 0.08 (572)	1.65 <u>+</u> 0.12 (483)	1.73 <u>+</u> 0.03 (3,314)

Table 10. Region gobbling by week for cooperating wild turkey hunters in Virginia.

		Gobb	olers Heard/H	our <u>+</u> SE			
			(n)	.	0 . 1		
ъ.	m. 1 .	0 11	Western	Eastern	Central	37 4	Q
Date	Tidewater	Southwest	Piedmont	Piedmont	Mountain	Northern	State
Opening Day	0.80 <u>+</u> 0.10 (36)	0.74 ± 0.08 (37)	0.59 <u>+</u> 0.07 (36)	0.71 <u>+</u> 0.11 (25)	0.57 <u>+</u> 0.09 (35)	0.84 <u>+</u> 0.13 (36)	0.71 <u>+</u> 0.04 (208)
Week 1	0.62 <u>+</u> 0.05 (133)	0.53 <u>+</u> 0.03 (172)	0.68 <u>+</u> 0.04 (133)	0.56 <u>+</u> 0.05 (96)	0.58 <u>+</u> 0.04 (142)	0.55 <u>+</u> 0.06 (106)	0.59 <u>+</u> 0.02 (793)
Week 2	0.57 <u>+</u> 0.05 (123)	0.60 <u>+</u> 0.04 (148)	0.56 <u>+</u> 0.04 (133)	0.53 <u>+</u> 0.06 (88)	0.62 <u>+</u> 0.05 (117)	0.48 <u>+</u> 0.04 (107)	0.57 <u>+</u> 0.02 (722)
Week 3	0.59 <u>+</u> 0.05 (105)	0.49 <u>+</u> 0.04 (138)	0.60 <u>+</u> 0.05 (85)	0.56 <u>+</u> 0.08 (77)	0.45 <u>+</u> 0.04 (107)	0.67 <u>+</u> 0.17 (87)	0.55 <u>+</u> 0.03 (596)
Week 4	0.32 <u>+</u> 0.03 (91)	0.37 <u>+</u> 0.04 (131)	0.51 <u>+</u> 0.05 (76)	0.26 <u>+</u> 0.05 (74)	0.35 <u>+</u> 0.03 (96)	0.44 <u>+</u> 0.06 (76)	0.37 <u>+</u> 0.02 (535)
Week 5	0.22 <u>+</u> 0.03 (82)	0.38 <u>+</u> 0.04 (114)	0.35 <u>+</u> 0.06 (43)	0.19 <u>+</u> 0.05 (53)	0.26 <u>+</u> 0.04 (71)	0.29 <u>+</u> 0.06 (64)	0.28 <u>+</u> 0.02 (427)

Table 11. Statewide hen observations by hunt for cooperating wild turkey hunters in Virginia.

Table 11. Statewide n		operating wild turkey hunters erage/Hunt	in virginia.
Year	Hens Heard	Hens Seen	Hens Called In
1993	0.39 <u>+</u> 0.02	0.44 <u>+</u> 0.02	0.12 <u>+</u> 0.01
1994	0.46 <u>+</u> 0.02	0.54 <u>+</u> 0.02	0.15 <u>+</u> 0.01
1995	0.56 <u>+</u> 0.02	0.55 <u>+</u> 0.02	0.16 <u>+</u> 0.01
1996	0.66 <u>+</u> 0.02	0.78 <u>+</u> 0.02	0.22 <u>+</u> 0.01
1997	0.62 <u>+</u> 0.02	0.74 <u>+</u> 0.02	0.19 <u>+</u> 0.01
1998	0.57 <u>+</u> 0.02	0.71 <u>+</u> 0.02	0.17 <u>+</u> 0.01
1999	0.58 <u>+</u> 0.02	0.70 <u>+</u> 0.02	0.18 <u>+</u> 0.01
2000	0.57 <u>+</u> 0.02	0.76 <u>+</u> 0.02	0.19 <u>+</u> 0.01
2001	0.71 <u>+</u> 0.02	0.73 <u>+</u> 0.02	0.19 <u>+</u> 0.01
2002	0.72 <u>+</u> 0.02	0.89 <u>+</u> 0.02	0.22 <u>+</u> 0.01
2003	0.56 <u>+</u> 0.02	0.74 <u>+</u> 0.02	0.19 <u>+</u> 0.01
2004	0.61 <u>+</u> 0.02	0.82 <u>+</u> 0.03	0.22 <u>+</u> 0.01
2005	0.69 <u>+</u> 0.02	0.95 <u>+</u> 0.03	0.24 <u>+</u> 0.01
2006	0.70 <u>+</u> 0.02	0.86 <u>+</u> 0.02	0.22 <u>+</u> 0.01
2007	0.55 <u>+</u> 0.02	0.76 <u>+</u> 0.03	0.20 <u>+</u> 0.01

Table 12. Wild turkey hens seen per hunt by cooperating wild turkey hunters in Virginia.

	Wild turkey hen	is seem per mun	<u> </u>	Seen/Hunt	numers in virg	giina.	
Year	Day 1	Week 1	Week 2	Week 3	Week 4	Week 5	Season
1995	1.0 <u>+</u> 0.10 (344)	0.65 <u>+</u> 0.04 (1,363)	0.50 <u>+</u> 0.04 (1,018)	0.44 <u>+</u> 0.04 (700)	0.44 <u>+</u> 0.04 (692)	0.39 <u>+</u> 0.04 (561)	0.55 <u>+</u> 0.02 (4,678)
1996	1.26 <u>+</u> 0.13 (378)	1.02 <u>+</u> 0.06 (1,462)	0.80 <u>+</u> 0.05 (1,182)	0.62 <u>+</u> 0.04 (982)	0.56 <u>+</u> 0.04 (824)	0.48 <u>+</u> 0.04 (674)	0.78 <u>+</u> 0.02 (5,502)
1997	1.19 <u>+</u> 0.12 (401)	0.90 <u>+</u> 0.05 (1,476)	0.75 <u>+</u> 0.04 (1,131)	0.61 <u>+</u> 0.04 (948)	0.59 <u>+</u> 0.05 (849)	0.54 <u>+</u> 0.04 (805)	0.74 <u>+</u> 0.02 (5,610)
1998	1.12 <u>+</u> 0.10 (394)	0.89 <u>+</u> 0.05 (1,480)	0.69 <u>+</u> 0.04 (1,101)	0.56 <u>+</u> 0.05 (808)	0.45 <u>+</u> 0.04 (716)	0.57 <u>+</u> 0.05 (597)	0.71 <u>+</u> 0.02 (5,096)
1999	1.12 <u>+</u> 0.12 (413)	0.87 <u>+</u> 0.04 (1,640)	0.68 <u>+</u> 0.04 (1,150)	0.52 <u>+</u> 0.03 (996)	0.53 <u>+</u> 0.04 (804)	0.48 <u>+</u> 0.04 (701)	0.70 <u>+</u> 0.02 (5,570)
2000	1.21 <u>+</u> 0.13 (364)	0.96 <u>+</u> 0.05 (1,393)	0.79 <u>+</u> 0.05 (1,092)	0.69 <u>+</u> 0.04 (1,001)	0.56 <u>+</u> 0.04 (976)	0.41 <u>+</u> 0.03 (829)	0.76 <u>+</u> 0.02 (5,655)
2001	1.14 <u>+</u> 0.09 (363)	0.83 <u>+</u> 0.04 (1,355)	0.75 <u>+</u> 0.04 (1,138)	0.65 <u>+</u> 0.05 (1,007)	0.60 <u>+</u> 0.04 (866)	0.57 <u>+</u> 0.05 (639)	0.73 ± 0.02 (5,368)
2002	1.51 ± 0.15 (324)	1.02 <u>+</u> 0.05 (1,388)	0.92 <u>+</u> 0.05 (915)	0.69 <u>+</u> 0.05 (816)	0.71 <u>+</u> 0.05 (734)	0.67 <u>+</u> 0.07 (549)	0.89 <u>+</u> 0.02 (4,726)
2003	1.00 <u>+</u> 0.12 (293)	1.01 <u>+</u> 0.05 (1,172)	0.72 <u>+</u> 0.05 (1,004)	0.60 <u>+</u> 0.04 (855)	0.54 <u>+</u> 0.05 (600)	0.55 <u>+</u> 0.05 (621)	0.75 <u>+</u> 0.02 (4,545)
2004	1.42 <u>+</u> 0.20 (308)	1.06 <u>+</u> 0.07 (1,013)	0.74 <u>+</u> 0.05 (975)	0.74 <u>+</u> 0.06 (748)	0.57 <u>+</u> 0.05 (661)	0.55 <u>+</u> 0.05 (603)	0.83 <u>+</u> 0.03 (4,352)
2005	1.65 <u>+</u> 0.20 (278)	1.20 <u>+</u> 0.07 (1,032)	0.96 <u>+</u> 0.05 (900)	0.85 <u>+</u> 0.06 (667)	0.63 <u>+</u> 0.05 (740)	1.38 <u>+</u> 0.05 (662)	0.95 <u>+</u> 0.03 (4,303)
2006	1.49 <u>+</u> 0.14 (291)	0.90 <u>+</u> 0.04 (1,320)	0.85 <u>+</u> 0.05 (973)	0.71 <u>+</u> 0.05 (798)	0.65 <u>+</u> 0.05 (779)	0.80 <u>+</u> 0.07 (624)	0.86 <u>+</u> 0.02 (4,840)
2007	1.28 <u>+</u> 0.16 (208)	0.89 <u>+</u> 0.06 (793)	0.68 <u>+</u> 0.05 (722)	0.64 <u>+</u> 0.05 (596)	0.63 <u>+</u> 0.06 (535)	0.74 <u>+</u> 0.08 (427)	0.76 <u>+</u> 0.03 (3,314)

Table 13. Wild turkey hens called per hunt by cooperating wild turkey hunters in Virginia.

1 able 13. V	Vild turkey hen	s caned per nu		lled In/Hunt	/ Hunters III vii	дина.	
Year	Day 1	Week 1	Week 2	Week 3	Week 4	Week 5	Season
1993	0.18 <u>+</u> 0.04 (310)	0.18 ± 0.02 (1,127)	0.10 <u>+</u> 0.02 (936)	0.11 <u>+</u> 0.02 (793)	0.08 <u>+</u> 0.01 (651)	0.10 <u>+</u> 0.02 (499)	0.12 <u>+</u> 0.01 (4,316)
1994	0.25 <u>+</u> 0.05 (266)	0.21 <u>+</u> 0.02 (1,115)	0.12 <u>+</u> 0.02 (879)	0.10 <u>+</u> 0.02 (591)	0.11 <u>+</u> 0.02 (625)	0.12 <u>+</u> 0.02 (542)	0.15 <u>+</u> .0.01 (4,018)
1995	0.27 <u>+</u> 0.04 (344)	0.18 <u>+</u> 0.02 (1,363)	0.17 <u>+</u> 0.02 (1,018)	0.12 <u>+</u> 0.02 (700)	0.11 <u>+</u> 0.01 (692)	0.14 <u>+</u> 0.02 (561)	0.16 <u>+</u> 0.01 (4,678)
1996	0.38 <u>+</u> 0.07 (378)	0.28 <u>+</u> 0.02 (1,463)	0.23 <u>+</u> 0.02 (1,182)	0.17 <u>+</u> 0.02 (982)	0.17 <u>+</u> 0.02 (824)	0.11 <u>+</u> 0.02 (674)	0.22 ± 0.01 (5,502)
1997	0.27 <u>+</u> 0.05 (401)	0.22 <u>+</u> 0.02 (1,476)	0.17 <u>+</u> 0.02 (1,131)	0.17 <u>+</u> 0.04 (948)	0.15 <u>+</u> 0.02 (849)	0.15 <u>+</u> 0.02 (849)	0.19 <u>+</u> 0.02 (5,610)
1998	0.28 ± 0.04 (394)	0.21 <u>+</u> 0.02 (1,480)	0.17 <u>+</u> 0.02 (1,101)	0.13 <u>+</u> 0.02 (808)	0.15 <u>+</u> 0.02 (716)	0.13 <u>+</u> 0.02 (597)	0.18 <u>+</u> 0.01 (5,096)
1999	0.35 <u>+</u> 0.05 (413)	0.20 <u>+</u> 0.02 (1,640)	0.17 <u>+</u> 0.02 (1,150)	0.16 <u>+</u> 0.02 (996)	0.15 <u>+</u> 0.02 (804)	0.15 <u>+</u> 0.02 (701)	0.18 ± 0.01 (5,704)
2000	0.31 <u>+</u> 0.05 (364)	0.26 <u>+</u> 0.03 (1,393)	0.18 ± 0.02 (1,092)	0.16 <u>+</u> 0.02 (1,001)	0.13 <u>+</u> 0.02 (976)	0.13 <u>+</u> 0.02 (829)	0.19 <u>+</u> 0.01 (5,655)
2001	0.39 <u>+</u> 0.04 (363)	0.19 <u>+</u> 0.02 (1,355)	0.20 <u>+</u> 0.02 (1,138)	0.17 <u>+</u> 0.02 (1,007)	0.20 <u>+</u> 0.02 (866)	0.12 <u>+</u> 0.02 (639)	0.19 <u>+</u> 0.01 (5,368)
2002	0.39 <u>+</u> 0.07 (324)	0.26 <u>+</u> 0.02 (1,388)	0.23 <u>+</u> 0.02 (915)	0.15 <u>+</u> 0.02 (816)	0.19 <u>+</u> 0.02 (734)	0.17 <u>+</u> 0.02 (549)	0.22 ± 0.01 (4,726)
2003	0.25 <u>+</u> 0.06 (293)	0.25 <u>+</u> 0.02 (1,172)	0.18 <u>+</u> 0.02 (1,004)	0.17 <u>+</u> 0.02 (855)	0.14 <u>+</u> 0.02 (600)	0.15 <u>+</u> 0.02 (621)	0.19 <u>+</u> 0.01 (4,545)
2004	0.44 <u>+</u> 0.09 (308)	0.26 <u>+</u> 0.03 (1,013)	0.20 <u>+</u> 0.02 (975)	0.24 ± 0.04 (748)	0.12 <u>+</u> 0.02 (661)	0.17 <u>+</u> 0.03 (603)	0.22 <u>+</u> 0.01 (4,352)
2005	0.43 ± 0.09 (278)	0.31 <u>+</u> 0.03 (1,032)	0.23 <u>+</u> 0.02 (900)	0.20 <u>+</u> 0.02 (667)	0.17 <u>+</u> 0.02 (740)	0.16 <u>+</u> 0.02 (662)	0.24 <u>+</u> 0.01 (4,303)
2006	0.41 <u>+</u> 0.07 (291)	0.23 <u>+</u> 0.02 (1,320)	0.21 <u>+</u> 0.02 (973)	0.17 <u>+</u> 0.02 (798)	0.18 <u>+</u> 0.02 (779)	0.18 <u>+</u> 0.03 (624)	0.22 <u>+</u> 0.01 (4,840)
2007	0.33 <u>+</u> 0.06 (208)	0.21 <u>+</u> 0.02 (793)	0.19 <u>+</u> 0.02 (722)	0.12 <u>+</u> 0.02 (596)	0.18 <u>+</u> 0.03 (535)	0.22 <u>+</u> 0.04 (427)	0.20 <u>+</u> 0.01 (3,314)

Table 14. Flushing rates of nesting wild turkey hens by cooperating wild turkey hunters in Virginia.

Hens flushed/100 hrs hunting (number flushed)

(number flushed)									
Year	Day 1	Week 1	Week 2	Week 3	Week 4	Week 5	Season		
1999	0.56	0.48	0.38	0.39	0.49	0.64	0.47		
	(9)	(27)	(14)	(12)	(12)	(14)	(88)		
2000	0.44	0.25	0.19	0.71	0.54	1.06	0.42		
	(6)	(12)	(7)	(24)	(17)	(27)	(81)		
2001	0.27	0.62	0.39	0.58	0.79	0.46	0.55		
	(4)	(29)	(15)	(19)	(22)	(9)	(98)		
2002	0.39	0.25	0.70	0.67	0.58	0.41	0.49		
	(5)	(12)	(22)	(18)	(14)	(7)	(78)		
2003	0	0.35	0.50	0.64	0.63	0.66	0.49		
	(0)	(14)	(17)	(18)	(12)	(13)	(74)		
2004	0.08	0.18	0.15	0.46	0.39	0.28	0.26		
	(1)	(6)	(5)	(11)	(9)	(6)	(74)		
2005	0.93	0.28	0.20	0.98	0.94	0.74	0.61		
	(8)	(8)	(5)	(18)	(23)	(16)	(78)		
2006	0.65	0.21	0.60	0.50	0.39	0.46	0.42		
	(5)	(8)	(16)	(11)	(10)	(10)	(60)		
2007	0.0	0.63	0.36	0.47	0.39	0.34	0.42		
	(0)	(14)	(7)	(8)	(7)	(5)	(41)		

Year	Cooperators(n)	Percent with Interference	Percent Hunts Disturbed	Avg. Hunters seen	
ieai	Cooperators(n)	menerence	Disturbed	Trumers seem	
1987	161	50	10		
1988	230	54	9		
1989	251	47	8		
1990	319	60	11	5.5	
1991	408	60	8.1	5.6	
1992	430	52	9.0	3.7	
1993	361	47	3.8	4.6	
1994	341	36	2.8	4.0	
1995	401	48	8.2	4.5	
1996	481	39	3.3	4.5	
1997	486	42	3.6	4.4	
1998	455	35	3.2	4.5	
1999	500	38	5.2	4.3	
2000	441	38	2.9	3.9	
2001	433	38	6.2	4.1	
2002	380	39	5.9	4.0	
2003	372	40	6.3	3.9	
2004	357	40	3.1	4.7	
2005	354	37	_	4.0	
2006	412	34	_	3.0	
2007	280	32	_	2.4	

^{2007 280 32 —}a Average was based on cooperators who had experienced interference.

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Table 16. Violations observed during spring gobbler seasons by cooperating wild turkey hunters in Virginia.

-				00				,		
Year	Tres- pass	Pre- Season	Sunday Hunt	Before Hours	After Hours	Over Limit	Baiting	Killing Hens	Other	Total (n)
1987	21	17	10	7	7	7	7	7	7	
1988	43	7	5	14	0	5	5	12	2	42
1989	53	4	0	17	6	11	2	7	0	53
1990	54	6	4	6	0	7	3	3	13	68
1991	48	12		10		13	0	7	11	87
1992	49	15		9		14		4	9	148
1993	70	12		12		21		6	13	134
1994	46	14		4		14		3	10	91
1995	79	30		23		30		7	23	192
1996	61	23		18		26		8	19	155
1997	82	13		11		25		2	22	155
1998	74	27		19		25		4	23	172
1999	64	19		9		21		2	27	142
2000	61	18		11		19		3	16	128
2001	61	16		7		14		0	12	110
2002	61	4		11		20		1	8	104
2003	61	6		4		7		2	13	93
2004	36	4		6		7		1	7	61
2005	40	4		3		7		1	11	66
2006	53	8		10		14		1	15	110
2007	31	6		3		4		1	10	55

Appendix A. Cooperator comments and remarks with cooperator ID number in parentheses. Comments without name and address were not included.

WEATHER

Bad or not very good: 1906, 0455, 1002, 0332, 0244, 5557, 4796, 8275, 7945, 7604, 0198

Good: 7283, 0422, 6538

Cool: 6031, 7868

Hard to pattern birds due to early warm up and cold front weather changes: 8680

GOBBLING

Poor: 9401, 8511, 5321, 3971, 6031, 3018, 9713, 4914, 2926, 5186, 1451, 6174, 0256, 3054, 8279, 5557, 8732, 8084, 7945, 7868, 7604, 3458, 7180, 6586, 9138, 9851

None: 2217, 0455, 4520, 0573, 7513, 0198

Good gobbling: 8854, 2180, 7283, 3164, 6239, 5827, 6538, 1549

Did not respond or hard to call in: 9336, 1451, 5304, 6164, 7937, 3331, 0849

Gobbled on roost then not on ground: 9322, 5304, 2198, 6164, 9138

Gobbled before season or early in season: 4743, 3708, 3278

During afternoons were unresponsive: 2338

Did not gobble end of season: 1627, 5355, 4559

POPULATION

Lots of jakes: 7946, 6239

Few or no jakes: 5289, 0422, 6838, 7604, 2308

Large number of hens: 8511, 5917, 6243, 1451, 4520, 6586, 5036

Very few or not many hens: 4952, 6838, 8066, 3303, 7604, 8189, 8300, 4340

Population decreased: 9687, 34736285, 7921, 6031, 2814, 6918, 2339, 6174, 2803, 4495, 3264, 4520, 2452, 2273, 7513, 4455, 7868, 6631, 2308, 1852, 6951, 8189, 4340

WILDLIFE RESOURCE BULLETIN NO. 08-1

Population good to great: 0332, 5827

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Gobblers were with hens: 9777, 5304, 4796, 5196

Fewer 2 year old birds: 8511, 5321

SURVEY RECOMMENDATIONS

Need column for Jakes: 6031

Should have space for each day of season: 0244

Include kill rate by number of hunters, region and county in report: 9161

Have form on-line with pass code access: 4952

Partner missed and partner killed should be included in daily record section: 9687, 4892

Add column for how much time it took to call bird in: 9687

Add column for predators called in: 8766

For those that don't live in grouse country use column for quail: 9713

Survey needs to be easier to find on website: 9687

Need spur length chart back: 9161

Would like results of resident and non-resident hunters broken down: 5036

LIKED SEASON OR NOT

Enjoyed the season: 3473, 8854, 6031, 9161, 1662, 5827, 6838, 1549, 0776, 6406, 4833, 5557, 9072, 9880, 3223, 7868, 3458, 5337, 8299

Terrible to bad: 5339, 2803, 4520, 0573, 0849, 8085, 5239

Difficult to fair: 2960, 6164, 9138

Never a bad day when you get to be in the woods: 8189

THANK YOU

Thanks Gary Norman for good work: 5186, 8854, 8718, 5289, 6031, 9336, 9083, 8646, 5593, 4833, 8084, 4892, 6631, 5337, 6532, 4340

Thanks for survey: 3353, 8766, 8920, 8646, 0776, 6532

Thanks Gary Norman, VDGIF & NWTF: 8239

Thanks Gary Norman and VDGIF: 6927, 2765, 6838, 4499, 5557, 0849, 8732, 7945, 3458, 5036

Thanks VDGIF: 3021, 7180, 9138

Thanks to VDGIF and NWTF for all they do to promote, educate and improve turkey populations: 5599

Forest Service employees do a great job in GWNF: 5036

POACHERS AND HUNTER PRESSURE

Hunters shooting from road is a problem: 8920, 9472

Heard several shots after daylight on Sundays: 1002

Too many turkeys shot in fields with rifles: 0622

It should be against the law for someone to sneak in between you & bird you are working then shoot it and run: 6302

Had another hunter short stand me on bird I worked for three hours - unethical: 0256

Hunter shot 30 + times with 22 mag while calling in gobbler: 9628

Friend had decoy shot by "experienced" hunter, almost shot friend: 9327

After bragging about tagging out I saw the guy hunting: 0824

Too many trespassers: 9024, 4340, 5337

ATV's are a problem: 4465

Need more wardens per county: 9687

Call in tag system allows hunter to get by with over limit: 6951

DOGS

Free roaming dogs are a problem: 6031, 9713, 6289, 5304, 3734, 1302, 0611

Deer dogs are a problem: 1002, 3771

Need law to allow shooting of free roaming dogs if they are on your property March - June: 9395

Dogs ruined several hunts, need to do something: 1906, 9395, 8128

Ban running fox with dogs April - June: 4555

WILDLIFE RESOURCE BULLETIN NO. 08-1

Put dogs up during nesting and hatching season: 8920

LENGTH OF DAY HUNTING AND SUNDAY

Yes to Sunday hunting: 9159, 8920, 9687, 5339, 2765, 3734, 0349, 0472, 3316, 6532

No to Sunday hunting: 6031, 4555, 6927, 6975, 2339, 2578, 4952, 8760, 6710, 9602, 2568, 7445, 3758, 6951

Likes all day hunting: 9237, 5339, 3734, 0422, 9835, 6532

No to all day hunting: 8718, 5289, 4555, 2578, 5468, 2568, 0849, 7445, 9327, 3758, 6951

All day first 2 weeks: 3353

Add 1 week to all day: 8920

Have all day opening day: 4952

Make all day last 3 weeks: 2338

Start all day 1 week earlier: 2068

SEASON DATES

Open 1 week earlier: 8920, 1166, 4892

Start first Saturday in April: 2578, 9611

Opened 1 week too late: 6918

Hope starting 1 week later helped with undisturbed breeding hopefully making good hatch: 2308

Season dates OK: 6031, 4555, 8239, 2193, 5557, 7945

Season should start first Saturday in April end first Saturday in May: 8718

Season 1 week too long: 3758

Move ahead 2 weeks and go out 2 weeks early around May first: 7184

FALL SEASON

Shorten: 2339, 6631

Reduce hens in fall to one: 3264

Gobblers only fall or no fall season: 4340

Need longer Fall season: 1645

Keep closed during deer season: 7946, 4892

LIMITS AND LICENSE

Limit is good: 6031, 4555, 8239, 2193, 5557, 7945

Need only 1 tag in fall: 6918, 6631

Need a hen tag in fall to reduce population: 6243

Cut limit back to 2: 7342

Limit should be 2 in spring and 1 in fall: 4952

Reduce to 2 birds in spring: 6918, 6975, 2339, 2578, 8732, 5036

Remove 3 bird limit: 9472, 2960

Reduce to 1 bearded bird: 8085

Need to be able to take more than 1 bird per day: 2765

One bird in fall and 1 in spring: 2308

Should be \$15 fee to hunt spring turkeys: 8718

WEAPONS

Do not allow rifles in spring: 5321, 8718, 5289, 6031, 9981, 8920, 1831, 2926, 0332, 4952, 1166, 9573, 8239, 2960, 4520, 9611, 4333, 2568, 8732, 3458, 2422, 3708, 8014, 1645

No rifles allowed for hunting turkeys: 4555, 6975, 0622, 3734, 1171, 2193, 5713, 9160, 9851, 0849, 6951

Rifles should be allowed: 9237, 2339, 4756, 4768, 5196, 2050, 3801

Do not allow shot larger than size 4: 3458

Likes option of combination gun: 6289, 1430, 7725, 2050

Feels guilty for shooting first gobbler with a rifle: 8300

EXPERIENCES

Heard hen gobble: 9735

34 WILDLIFE RESOURCE BULLETIN NO. 08-1

Red fox stalked decoys: 7745

Hen attacked and knocked decoy off stake: 8718

Coyote came in to crow call: 5289

Lots of coyotes: 1733, 6289, 5850, 1852, 8646

Coyote came in to call: 1171, 7191, 8299, 7342

Hen came off roost and tore into decoy for 6 hours: 9777

Owl hit decoy 3 times and knocked it down: 3748

Birds were spooked: 5608

Gobblers alarmed by decoy: 3771

Bald eagle chased 4 longbeards I was working: 0256

Saw bald eagle: 6586, 1831

Called in bobcat: 7191

Saw lots of baby fox: 0198

Saw bearded hen: 6927, 4559

Doe came in to call and licked decoy: 3021

Hen swooped down on decoy: 2068

Partner killed bird with radio transmitter and gobbling device: 8680

Turkey had 2 broken toes on left foot and spurs turned down, another one had bad leg and nubs for

spurs: 3241

Saw gobbler mate hen at 6:30 p.m. April 26: 7604

OPINIONS

Need to do more to improve habitat in public areas: 5599

Need to protect hens: 4340

I will not shoot at birds with beards less than 10 inches: 3983

Clear cutting old growth forest is devastating to eco system: 0824

Release or transplant more turkeys: 6975

I don't have to kill birds to have a great season: 8299

Losing habitat: 3473, 0824, 2803

Need to create and preserve habitat: 2339

Highly recommend helping others: 6070

Harvesting over bag limit is bad for turkey population: 6289

Close fall season in Dickenson and keep closed in Buchanan County: 9687

Should have early bow season for gobblers: 2926

Had more success hunting public land in NC than VA, not worth time off and gas to drive to WMA's

here: 5339

Should not kill jakes in spring: 2578

Waste of money this year: 2803

Hard to find check station with available cards: 0824

Need to reduce limit in Highland county: 8760

Need help in Rockingham County with populations: 2198

Start program for turkey hunters like fishing program, master, expert etc: 6164

Hunt gobblers on even years in spring and hens in fall on odd years: 3264

Smart move reducing fall season: 8713, 9160

Keep fall season and hunting with turkey dogs: 4499

Tenants should buy license: 0472, 3316

Corn prices put more birds back on NF and other lands: 8732

Put food plots on AEP new power line: 3015

Incorporate in or patch for coop hunter helping to record field data during season: 7513

Bobcat population is up: 1852

No to decoys: 6951

YOUTH DAY

Make youth day all day: 4952

Youth day good idea: 7946

Need more youth days: 9327, 7945

Need longer youth days: 9687

Open on 2 Saturday's prior to regular opening: 2147

Need backup in case of bad weather: 1852

NESTING

May 7 saw broken turkey eggs: 1339

Flushed hen off nest with 17 eggs May 7: 7946

Saw nest o 11 eggs: 6373

May 18 saw hen with 18-20 approximately 4 day old poults: 9687

May 10 flushed hen with nest of 14 eggs: 2578

Called in hen last day with 8 poults 3 to 5 days old: 3879

Saw hen with poults opening day: 9859